

<b>DTC</b>	<b>B1635/24</b>	<b>Front Passenger Side Rear Airbag Sensor Malfunction</b>
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## DESCRIPTION

The rear airbag sensor RH consists of parts including the diagnostic circuit and the lateral deceleration sensor.

When the center airbag sensor assembly receives signals from the lateral deceleration sensor, it determines whether or not the SRS should be activated.

DTC B1635/24 is recorded when a malfunction is detected in the rear airbag sensor RH.

DTC No.	DTC Detecting Condition	Trouble Area
B1635/24	<ul style="list-style-type: none"> <li>• Center airbag sensor assembly detects line short circuit signal, open circuit signal, short circuit to ground signal or short circuit to B+ signal in rear airbag sensor RH circuit for 2 seconds.</li> <li>• Rear airbag sensor RH malfunction</li> <li>• Center airbag sensor assembly malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Rear airbag sensor RH</li> <li>• Center airbag sensor assembly</li> </ul>

RS

## INSPECTION PROCEDURE

### NOTICE:

**In order to prevent unexpected airbag deployment, disconnect the following connectors before inspecting parts such as wire harnesses, if the application of tester probes to the center airbag sensor assembly connector is necessary.**

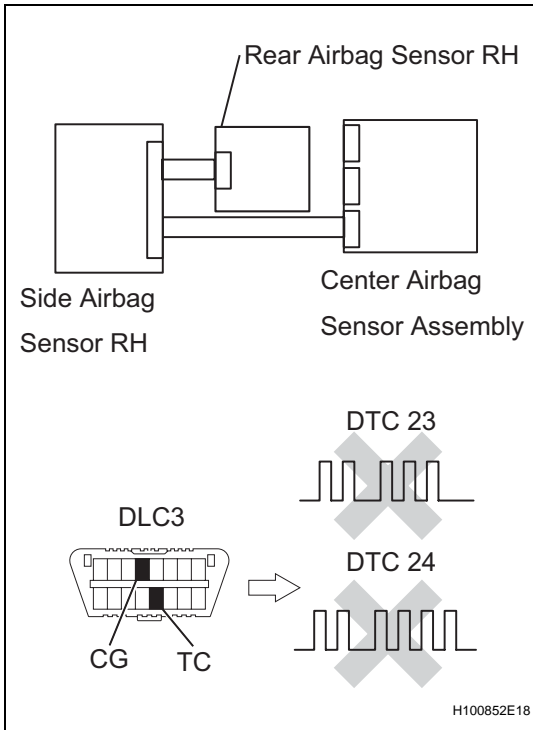
1. Turn the ignition switch off.
2. Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
3. Disconnect the connector from the center airbag sensor assembly.
4. Disconnect the connectors from the steering pad.
5. Disconnect the connectors from the front passenger airbag assembly.
6. Disconnect the connector from the front seat outer belt assembly LH.
7. Disconnect the connector from the front seat outer belt assembly RH.

### HINT:

Skip the following steps if side airbags and curtain shield airbags are not fitted.

8. Disconnect the connector from the front seat side airbag assembly LH.
9. Disconnect the connector from the front seat side airbag assembly RH.
10. Disconnect the connector from the curtain shield airbag assembly LH.
11. Disconnect the connector from the curtain shield airbag assembly RH.

**1 CHECK REAR AIRBAG SENSOR RH**



- (a) Turn the ignition switch off.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Interchange the rear airbag sensor RH with the rear airbag sensor LH and connect the connectors to them.
- (d) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (e) Turn the ignition switch to the on position, and wait for at least 60 seconds.
- (f) Clear the DTCs stored in the memory (See page RS-36).
- (g) Turn the ignition switch to the lock position.
- (h) Turn the ignition switch to the on position, and wait for at least 60 seconds.
- (i) Check for DTCs (See page RS-36).

**RS**

**Result**

Result	Proceed to
DTCs B1635/24 and B1630/23 are not output.	A
DTC B1635/24 is output.	B
DTC B1630/23 is output.	C

**HINT:**

DTCs other than DTC B1630/23 and B1635/24 may be output at this time, but they are not related to this check.

<b>B</b>	<b>REPLACE CENTER AIRBAG SENSOR ASSEMBLY</b>
<b>C</b>	<b>REPLACE REAR AIRBAG SENSOR RH</b>

**A**

**USE SIMULATION METHOD TO CHECK**